



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

Computer Networks: Lab 1

Luca Bedogni

Department of Computer Science and Engineering
University of Bologna

A first test

- Open Wireshark
- Start a capture on at least the network interface through which you are connected to the internet
- Go to www.google.com
- Stop the capture
- How many packets you see?
- Are all of them originated by you?
- How to find the packets related to your last internet search?



Hello world, Wireshark! – Lab 1

- Open up the web browser
- Start wireshark
- Start the capture on the interface through which you are connected to the internet
- While wireshark is running, go to <http://gaia.cs.umass.edu/wireshark-labs/INTRO-wireshark-file1.html>
- Stop wireshark capture
- Go to display filters and type in **http**, then apply
 - Now you only see packets related to http
- Now find the http message which you sent to gaia.cs.umass.edu
 - Click on it
 - Look through the packet contents



Final check – Lab1

- The goal of the 1st lab was to get acquainted with Wireshark
- Try to answer these questions (answer may vary between all of you)
- List 3 different protocols
- How long did it take from when the HTTP GET message was sent until the HTTP OK reply was received?
- What is the IP address of `gaia.cs.umass.edu`?
- What is yours?

